

INSTRUCTIONS FOR TABLE 6.1

CANCER TOXICITY DATA - ORAL/DERMAL

PURPOSE OF THE TABLE: <ul style="list-style-type: none"> To provide the oral and dermal cancer toxicity information (values and sources of information) for chemicals of potential concern To provide the methodology and adjustment factors used to convert oral cancer toxicity values to dermal toxicity values To provide weight of evidence/cancer guideline descriptions for each chemical of potential concern. 	
INFORMATION DOCUMENTED: <ul style="list-style-type: none"> Oral and dermal toxicity values for chemicals of potential concern Weight of evidence/cancer guidelines descriptions for chemicals of potential concern The source/reference for each toxicity value. 	<i>Surrogate toxicity values can also be entered in this table and indicated in the 'Source(s)' column or with a footnote.</i>
GENERAL NOTES/INSTRUCTIONS FOR THIS TABLE: <ul style="list-style-type: none"> Table 6.1 does not replace toxicological profiles for the individual chemicals that will be presented in the risk assessment. 	<i>It may be necessary to refer to RAGS, the risk assessment technical approach, and the EPA risk assessor to complete the table.</i>
HOW TO COMPLETE/INTERPRET THE TABLE	
Column 1 - Chemical of Potential Concern	
Definition: <ul style="list-style-type: none"> Chemicals that are potentially site-related, with data of sufficient quality, that have been retained for quantitative analysis as a result of the screening documented in Table 2. 	
Instructions: <ul style="list-style-type: none"> Enter the names of the chemicals that were selected as COPCs from Table 2. 	<i>Chemicals may be grouped in the order that the risk assessor chooses. Class descriptions can be included as a row before a group of chemicals.</i>
Column 2 - Oral Cancer Slope Factor Value	
Definition: <ul style="list-style-type: none"> Cancer slope factor for ingestion. 	
Instructions: <ul style="list-style-type: none"> Enter the oral cancer slope factor value for each of the COPCs. 	<i>Refer to IRIS and HEAST. If toxicity information is not available, contact EPA's National Center for Environmental Assessment (NCEA) office.</i>

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CANCER TOXICITY DATA - ORAL/DERMAL (continued)

Column 3 - Oral Cancer Slope Factor Units	
Definition: <ul style="list-style-type: none"> Units for the cancer slope factor for ingestion. 	
Instructions: <ul style="list-style-type: none"> Enter units for each oral cancer slope factor. 	<i>Consult the EPA risk assessor to determine if there is a preference regarding the units to be used.</i>
Column 4 - Oral Absorption Efficiency for Dermal	
Definition: <ul style="list-style-type: none"> The absorbed factor used to convert the oral RfD values to dermal RfD values. 	
Instructions: <ul style="list-style-type: none"> Enter the oral to dermal adjustment factor. Use a footnote to indicate the source of the Oral Absorption Efficiency for dermal. 	.
Column 5 - Absorbed Cancer Slope Factor for Dermal Value	
Definition: <ul style="list-style-type: none"> The absorbed dermal cancer slope factor for each chemical of potential concern which typically is derived from the oral cancer slope factor. 	<i>Derivation of the dermal cancer slope factor should be performed in consultation with the EPA risk assessor.</i>
Instructions: <ul style="list-style-type: none"> Enter the derived dermal cancer slope factor. Use a footnote to specify the section of the risk assessment text where the derivation of the Absorbed Cancer Slope Factor for Dermal can be found. 	
Column 6 - Absorbed Cancer Slope Factor for Dermal Units	
Definition: <ul style="list-style-type: none"> The units associated with each Absorbed Cancer Slope Factor for Dermal. 	
Instructions: <ul style="list-style-type: none"> Enter the units for the Absorbed Cancer Slope Factors for Dermal. 	<i>Typically (mg/kg-day)⁻¹. Consult with the EPA risk assessor to determine if there is a preference regarding the units to be used.</i>
Column 7 - Weight of Evidence/Cancer Guideline Description	
Definition: <ul style="list-style-type: none"> An EPA classification system for characterizing the extent to which the available data indicate that an agent is a human carcinogen. 	

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CANCER TOXICITY DATA - ORAL/DERMAL (continued)

<p>Instructions:</p> <ul style="list-style-type: none"> • Provide the weight of evidence or cancer guideline description. • Choose from the categories to the right. 	<p><i>Weight of Evidence:</i></p> <p><i>A - Human carcinogen</i></p> <p><i>B1 - Probable human carcinogen - indicates that limited human data are available.</i></p> <p><i>B2 - Probable human carcinogen - indicates sufficient evidence in animals and inadequate or no evidence in humans.</i></p> <p><i>C - Possible human carcinogen</i></p> <p><i>D - Not classifiable as a human carcinogen</i></p> <p><i>E - Evidence of noncarcinogenicity</i></p> <p><i>Cancer Guideline Description:</i></p> <p><i>Known/Likely</i></p> <p><i>Cannot be Determined</i></p> <p><i>Not Likely</i></p>
Column 8 - Oral CSF Source(s)	
<p>Definition:</p> <ul style="list-style-type: none"> • A reference for the oral cancer slope factor. 	
<p>Instructions:</p> <ul style="list-style-type: none"> • Enter the reference for the toxicity information. 	<p><i>For example:</i></p> <p><i>IRIS</i></p> <p><i>HEAST</i></p> <p><i>NCEA</i></p>
Column 9 -Oral CSF Date(s) (MM/DD/YYYY)	
<p>Definition:</p> <ul style="list-style-type: none"> • The date of the document that was consulted for the cancer toxicity data in MM/DD/YYYY format. 	<p><i>The MM/DD/YYYY format refers to month/day/year.</i></p>
<p>Instructions:</p> <ul style="list-style-type: none"> • Enter the date in MM/DD/YYYY format. <ul style="list-style-type: none"> • <i>For IRIS references, provide the date IRIS was searched.</i> • <i>For HEAST references, provide the date of the HEAST reference.</i> • <i>For NCEA references, provide the date of the information provided by NCEA.</i> 	<p><i>For example, the MM/DD/YYYY version of the date March 30, 1995 is 03/30/1995.</i></p>